

Leiston



Leiston-cum-Sizewell Urban District Council



ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

FOR THE YEAR ENDING

1957

LEISTON-cum-SIZEWELL URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH.

FOR THE YEAR ENDING

31st December, 1957

Medical Officer of Health : P.G. Cannon, M.B., Ch.B., D.P.H.
(until 31st January, 1957)

Medical Officer of Health : H.E. Nutten, M.B., Ch.B., D.P.H.
(from 1st February, 1957)

Surveyor/Public Health Inspector: R. Fairclough M.R.S.I.

Leiston-cum-Sizewell Urban District Council.

To the Chairman & Members of Leiston-cum-Sizewell Urban District Council.

Mr. Chairman, Mrs. Waddell & Gentlemen,

I have the honour to present the Annual Report for 1957.

Dr. P.G. Cannon Left in January, 1957 to take up an appointment in Staffordshire and I succeeded him as your Medical Officer in February, 1957.

The general health of the Urban District is very satisfactory. There is an estimated increase in the population of thirty as compared with the previous year.

The Adjusted Birth Rate is slightly less than the average for England & Wales. The Death and Infant Mortality Rates show little change from 1956 and all are less than the rates for England and Wales as a whole.

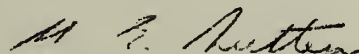
The Still Birth Rate this year is nil and as again is the Maternal Mortality Rate.

The Norwich Mass Radiography Unit visited Leiston from the 2nd to the 13th May. A total of 1,847 persons submitted themselves for x-ray examination. Of these, 1 new active case of pulmonary tuberculosis requiring immediate treatment, and one case requiring Chest Clinic observations were discovered in addition to six previous diagnosed cases. Twelve other diseases were discovered during the Survey.

Three new cases were added to the Tuberculosis Register during the year, one pulmonary and two non-pulmonary. Three cases recovered from the disease leaving again a total of 25 cases at the 31st December, 1957.

The information in this report on food premises, shops, factories, housing etc., is compiled by your Public Health Inspector to whom I am indebted.

I have the honour to be
Your obedient servant,



Medical Officer of Health

GENERAL STATISTICS.

Area (in acres)	4,466
Registrar-General's estimate of population (mid-1957).	4,160
Number of inhabited Houses	1,510
Rateable value	£38,553
Product of Penny rate.	£151

VITAL STATISTICS

	MALES	FEMALES	TOTAL
Live births (Illegitimate Births)	33 (3)	25 (1)	58 (4)

Illegitimacy Rate (per 1,000 live births)	= 68.9
Illegitimacy Rate (England & Wales) per 1,000 live births	= 46
Birth Rate per 1,000 population	= 13.9
Adjusted Birth Rate	= 15.7
Birth Rate (England & Wales).	= 16.1
Comparability Factor	= 1.13

	MALES	FEMALES	TOTAL
Still Births (Legitimate) (Illegitimate)	(-) (-)	(-) (-)	(-) (-)

Still birth rate per 1,000 total births (live & Still)	= Nil
Still Birth Rate (England and Wales)	= 22.4

MATERNAL MORTALITY

Maternal mortality = Nil

Maternal mortality rate = Nil

Maternal mortality rate (England & Wales)
per 1,000 total births. = 0.47

INFANT MORTALITY

	MALES	FEMALES	TOTAL
Deaths of infants under 1 year. (illegitimate)	1 (-)	- (-)	1 (-)
Deaths of infants under 4 weeks of age. (illegitimate)	1 (-)	- (-)	1 (-)

Infant mortality rate per 1,000 live births = 17.2

Infant mortality rate (England & Wales) = 23.0

DEATHS.

Causes of Infant Deaths:-

SEX	AGE	CAUSE OF DEATH
Male	4 hours	Intracranial haemorrhage due to a birth tear of the intracranial membranes (Post Mortem without inquest. Coroner)

Deaths - All Ages:-

MALES	FEMALES	TOTAL
30	22	52

Death rate per 1,000 estimated population	= 12.5
Adjusted Death Rate.....	= 9.9
Death Rate (England & Wales).....	= 11.5
Comparability Factor.....	= 0.79

Adjusted Birth and Death Rates: Comparability Factor.

Local birth rates are expressed in terms of population. These populations are estimated by the Registrar General and comprise persons of all ages, including those who have no influence on the birth rate.

These latter do, however, affect the birth rate in that a high proportion of them in a population tends to lower, and a small proportion tends to raise the true rate.

The size of this proportion will vary in different areas and, therefore, the elimination or standardisation of such a factor will give a truer comparison between areas.

The Registrar General issues a comparability factor on these lines. Multiplication of the crude birth rate of an area by the comparability factor gives the adjusted birth rate and can be compared with the crude rate for England and Wales.

The comparability factor for deaths is obtained in a similar way to the above.

The factor for certain areas, where rapid increase or reduction in the population materially affects its composition by sex and age group, are also adjusted on that account.

Death rate area comparability factors are adjusted to take account of the presence of any residential institutions in each area.

Birth rate area comparability factors are also adjusted to take account of the presence of sterile populations in institutions for the mentally ill or mentally deficient.

Causes of Death :-

CAUSES OF DEATH	MALE	FEMALE	TOTAL
1. Tuberculosis, respiratory.....	-	-	-
2. Tuberculosis, other.....	-	-	-
3. Syphilitic, disease.....	-	-	-
4. Diphtheria.....	-	-	-
5. Whooping cough.....	-	-	-
6. Meningococcal infection.....	-	-	-
7. Acute poliomyelitis.....	-	-	-
8. Measles.....	-	-	-
9. Other infective & parasitic diseases.....	-	-	-
10. Malignant neoplasm, stomach.....	-	-	-
11. Malignant neoplasm, lung, bronchus.....	4	-	4
12. Malignant neoplasm, breast.....	-	-	-
13. Malignant neoplasm, uterus.....	-	-	-
14. Other malignant & lymphatic neoplasms.....	1	3	4
15. Leukaemia, aleukaemia.....	1	-	1
16. Diabetes.....	-	-	-
17. Vascular lesions of nervous system.....	4	5	9
18. Coronary disease, angina.....	7	4	11
19. Hypertension with heart disease.....	-	1	1
20. Other heart disease.....	5	4	9
21. Other circulatory disease.....	1	-	1
22. Influenza.....	1	-	1
23. Pneumonia.....	1	1	2
24. Bronchitis.....	-	-	-
25. Other diseases of respiratory system.....	-	-	-
26. Ulcer of stomach & duodenum.....	1	1	2
27. Gastritis, enteritis & diarrhoea.....	-	1	1
28. Nephritis & nephrosis.....	-	-	-
29. Hyperplasia of prostate.....	-	-	-
30. Pregnancy, childbirth, abortion.....	-	-	-
31. Congenital malformations.....	-	-	-
32. Other defined and ill-defined diseases.....	3	2	5
33. Motor vehicle accidents.....	-	-	-
34. All other accidents.....	1	-	1
35. Suicide.....	-	-	-
36. Homicide & operations of war.....	-	-	-
	30	22	52

Notes on Causes of Death:-

34. This occurred in a male aged 42 who sustained a fractured spine and complications having fallen from a farm cart. Accidental death
11. There were four deaths from cancer of the lung and bronchus. They all occurred in males.
15. The case of leukaemia was in a boy aged 3 years.

Deaths from Cancer of the Lung and Bronchus During the Years 1952 - 1957

YEAR	MALE	FEMALE	TOTAL	DEATH RATE PER 1,000 POPULATION
1952	2	-	2	0.49
1953	-	-	-	-
1954	-	1	1	0.24
1955	1	1	2	0.48
1956	2	-	2	0.48
1957	4	-	4	0.96
	9	2	11	2.65
Average				0.44

Table showing the more important causes of death, numbers and percentages

CAUSE OF DEATH	NO: OF DEATHS		PERCENTAGE	
	1956	1957	1956	1957
Diseases of circulatory system.....	22	22	46.80	42.37
Vascular lesions of nervous system....	7	9	14.89	17.30
Malignant diseases.....	88	9	17.02	17.30
Pneumonia & bronchitis.....	3	2	6.38	3.26
Influenza.....	3	1	6.38	1.92
All other causes.....	4	9	8.51	17.30
	47	52	99.98	99.45

78% of all deaths fall under the first three headings. The comparable figure for 1956 was also 78%.

Comparative Statistics.

	YEAR									
	1950	1951	1952	1953	1954	1955	1956	1957		
Population.....	4,048	4,079	4,048	4,072	4,130	4,150	4,130	4,160		
No. of inhabited houses.....	1,348	1,372	1,382	1,382	1,446	1,465	1,488	1,510		
No. of live births.....	49	66	42	42	45	60	56	58		
Birth Rate (Crude).....	12.0	13.7	10.4	10.4	10.9	14.5	13.5	13.9		
No. of Still Births.....	1	3	0	0	0	2	1	0		
Maternal Mortality.....	0	0	0	0	0	0	0	0		
Infant Mortality Rate.....	0	15.1	47.6	0	0	83.3	35.7	17.2		
(No. of deaths)	0	(1)	(2)	0	0	(5)	(2)	(1)		
No. of Deaths all Ages.....	57	63	57	53	45	56	47	52		
Death Rate (Crude).....	14.0	15.4	14.1	13.0	10.9	13.5	11.14	12.5		

Number of all confirmed cases of infectious and other notifiable diseases notified during the year 1957, according to age and sex.

AGE	ACUTE PNEUMONIA			SCARLET FEVER			WHOOPING COUGH			MEASLES			POLIO-MYELITIS			ERYSIPELAS		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 1	-	-	-	-	-	-	-	1	1	1	2	3	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	2	2	9	4	13	-	1	1	-	-	-
2 -	-	-	-	1	-	1	3	-	3	9	7	16	-	-	-	-	-	-
3 -	-	-	-	1	-	1	3	3	6	6	9	15	-	-	-	-	-	-
4 -	-	-	-	-	1	1	1	1	2	8	10	18	-	1	1	-	-	-
5 - 9	-	-	-	1	2	3	11	16	27	71	77	148	-	-	-	-	-	-
10 - 14	-	-	-	-	-	-	1	-	1	-	2	2	-	-	-	-	-	-
15 - 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 - 44	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	2	1	3
45 - 64	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	1
65 or over	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2	3	3	3	6	19	23	42	105	113	218	1	2	3	2	2	4

Diseases notified during the year, classified according to month of occurrence.

Month	Acute Pneumonia	Scarlet Fever	Whooping Cough	Measles	Polio- myelitis	Erysipelas
January	-	-	2	4	-	-
February	-	-	2	133	-	-
March	-	1	-	72	-	-
April	1	--	-	7	-	-
May	-	-	-	-	-	-
June	-	1	3	-	-	-
July	-	2	14	2	-	-
August	-	1	11	-	-	2
September	-	-	10	-	3	-
October	2	-	-	-	-	1
November	-	1	-	-	-	-
December	-	-	-	-	-	1
Total	3	6	42	218	3	4

Notes on Infectious Diseases:-

Acute Poliomyelitis:

Of the three cases of Poliomyelitis, two were of the non-paralytic type and the third had a fairly severe paralysis.

All the cases occurred in September but no other cases have been reported since then.

DIPHTHERIA IMMUNISATION

In Leiston-cum-Sizewell Urban District in 1957, 52 primary immunisations were carried out by the Child Welfare Clinic and General Practitioners. The ages of the children immunised were as follows:-

Year of Birth	Numbers Immunised
1957	10
1956	40
1955	-
1954	1
1953	1
1952	-
1951	-
1950	-
1949	-
1948	-
1943-1947	
Total	52

During the same year 7 booster doses were given.
 During 1956, 36 primary immunisations were carried out.
 During 1955, 51 primary immunisations were carried out.
 During 1954, 54 primary immunisations were carried out.

TUBERCULOSIS.

	MALES		FEMALES		TOTAL
	Pulm.	Non-Pulm.	Pulm.	Non-Pulm.	
No. of cases on register at 31st December, 1956	11	-	12	2	25
No. of cases added during the year.	1	1	-	1	3
No. of cases removed during the year.	2	-	1	-	3
No. of cases on the register at 31st December, 1957.	10	1	11	3	25

<u>Cases added to the Register</u>		<u>Cases removed from the Register</u>	
New notifications	= 3	Recovered	= 3
Inward transfers	= 0	Died	= 0
Total	= 3	Total	= 3

Cases on the Register according to age and sex at 31st December, 1957.

AGE GROUP	MALE	FEMALE	TOTAL
Under 5 years	-	-	-
5 - 14 years	1	-	1
15 - 24 years	1	2	3
25 - 44 years	5	7	12
45 - 64 years	3	2	5
65 years and over	1	3	4
Age unknown	-	-	-
Total	11	14	25

Comparative figures of Tuberculosis at 31st December, 1957.

	No. of Cases.				Cases per 1,000 Population
	Population	Pulm.	Non-pulm	Total	
Beccles M.B.	7,000	28	5	33	4.7
Blyth R.D.	19,100	54	15	69	3.6
Bungay U.D.	3,570	26	6	32	8.9
Halesworth U.D.	2,330	12	5	17	7.3
Leiston-cum-Sizevell U.D.	4,160	21	4	25	6.0
Wainsford R.D.	6,790	16	11	27	3.8

Norwich Mass Radiography Unit.

	Males	Females	Total
No. of miniature x-ray examinations	1,050	797	1,847
<u>No. of cases of Pulmonary T.B. Found:-</u>			
(a) Active, requiring immediate treatment	-	1	1
(b) Cases requiring chest clinic supervision	-	-	-
(c) Cases requiring chest clinic observation	-	1	1
(d) Inactive Post Primary	-	-	-
(e) Previously diagnosed	5	1	6

The active case was that of a girl aged 20, working in Leiston but living outside the district.

Included in the above survey are:-

- (1) 233 Schoolchildren and 40 School Staff.
- (2) 4 Hospital staff.

No cases of active tuberculosis were found in these.

Among the other diseases discovered were:-

Bronchiectasis	1
Bronchial cancer	1
Sarcoidosis	1
Cardiovascular lesions (acquired)	2
Pneumonitis	1
Emphysema Cyst	1
Bronchitis & Fibrosis	3
Pleural thickening	1
Diaphragmatic Hernia	1
	<u>12</u>

HOUSING.

No of houses inspected	28
No. of houses found to be unsatisfactory	11
No. of houses rendered fit:-	
(1) Informal	11
(2) Formal - Public Health Acts	NIL
(3) Formal - Housing Acts	NIL
(d) No. Demolition orders secured	4
(e) No. dwellings included in Clearance Orders secured	19
No. demolished under (d) above	NIL
No. demolished under (e) above	NIL
No. of dwellings in respect of which or part of which Closing Orders were made (including Local Government (Miscellaneous Provisions) Act, 1953)	NIL
No. of cases of overcrowding known to exist at the end of 1957	NIL
No. of cases of overcrowding relieved during the year	NIL
Total No. of new houses erected:-	
(i) by Local Authority.	20
(ii) by Private Enterprise	3
No. of Improvement Grants approved during the year	13

FOOD

--

The number of food premises in the are and the type of business carried on are as follows:-

Grocery & General	17
Bakers & Confectioners	2
Butchers	6
Public Houses	7
Cafes	3
Fishmongers	2
Fried Fish Shops	3
Greengrocers	3

Total No. of inspections of food premises	34
No. found to be unsatisfactory	3
No. of premises rendered satisfactory	
(1) Informally	2
(2) Formally	-
No. of premises registered under Section 16 of the Food and Drugs Act, 1955.	
(1) Ice Cream - Manufacture	NIL
(2) For the storage or sale only	15
(3) For the sale of preserved foods etc.,	15

Milk Supply

4 Dealers are registered in the district and all are licensed for the sale of designated milk. No undesignated milk is sold in the district.

FOOD INSPECTION

Meat:-

The following table shows the number of carcasses inspected and meat condemned during the year:-

	Cattle	Calves	Pigs	Sheep and Lambs
Number Killed	173	12	109	791
Number inspected	173	12	109	791
Whole carcasses condemned T.B.	NIL	NIL	NIL	NIL
Other carcasses.	NIL	NIL	NIL	NIL

The total weight of meat condemned including whole carcasses was 5 cwts, 2 qrs. The principal causes of condemnation were Liver fluke, Cirrhosis, bruising etc.

Other foods:-

27 lbs, 12 ozs of tinned meat, 18 pints tinned milk and $\frac{1}{2}$ lb tinned fish were surrendered as unfit for human consumption.

Condemned meat is disposed of to the Suffolk Fat & Bone Co, at Oulton Broad and tinned foods at the Council's Refuse Tip.

Moveable Dwellings

There are **six** licences to station and use a moveable dwelling in force in the district.

RAT AND MICE INFESTATION

Total No. of Inspections Made	346
No. of infestations found	8
Total No. of treatments carried out	8

REFUSE COLLECTION

House and trade refuse from shops is collected weekly and disposed of by controlled tipping.

WATER SUPPLY

During the year 9 samples of water were taken for bacteriological examination, these were all taken from the Council's supply.

A typical analysis of the Council's supply taken on the 28th November, 1957 was as follows:-

Plate Count Yeastrel agar 48 hours 37° C. aerobically	2 per ml
Plate count 3 days at R.T°	0 per ml
Probable No. of coliform bacilli, MacConkey, 2 days at 37° C.	0 per 100

Bacteriological findings very satisfactory.

A sample of water was taken for chemical analysis and the opinion given by the analyst was:-

This water is of very good organic quality and the analysis as a whole shows no sign of pollution. In general, the analysis is much the same as that of the sample submitted in October, 1956 (our Cert. No. 696H). Slight differences occur in the nitrate content and in hardness, but these differences are not important.

The total hardness of the water amounts to 28° Clark, of which 23° is temporary. Iron was absent from the sample and contamination with other metals was also absent. The appearance, odour and taste were all satisfactory and in our opinion this water is fit for drinking and general purposes.

CONSERVANCY

Although the bulk of the Urban District is sewered there are 113 pail closets mainly in Sizewell and Coldfair Green. The contents of which are collected and disposed of by the Council.

FACTORIES ACTS, 1937 and 1948

The following details have been abstracted from the Annual Report of the Medical Officer of Health, submitted to the Ministry of Labour and National Service.

PART I OF THE ACT

1. Inspection for purposes of provisions as to health.

Premises	No. on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories with Mechanical Power.	29	42	-	-
(ii) Factories without Mechanical Power.	3	6	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority	1	2	-	-
Total	33	50	-	-

2. Cases in which defects were found.

NIL.

Outworkers

NIL.



